## EAST Search History

| Ref # | Hits | Search Query   | DBs                                      | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|--|---------------------|---------|---------------------|
| L1    | 105  | 235/400.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/01/28<br>13:30 |
| L2    | 549  | ((cellular or cell or<br>mobile) near2<br>phone) same<br>(barcode or "bar<br>code" or bar-code)<br>near9 (camera or<br>(captur\$4 near2<br>imag\$4))                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/01/28<br>14:27 |
| L3    | 43   | ((cellular or cell or<br>mobile) near2<br>phone) same<br>(barcode or "bar<br>code" or bar-code)<br>near9 (camera or<br>(captur\$4 near2<br>imag\$4)) same<br>(edge or detect\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/01/28<br>14:28 |
| L4    | 1    | ((cellular or cell or<br>mobile) near2<br>phone) same<br>(barcode or "bar<br>code" or bar-code)<br>near9 (camera or<br>(captur\$4 near2<br>imag\$4)) same<br>edge                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/01/28<br>14:28 |
| L5    | 5025 |  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/01/28<br>14:41 |
| L6    | 1434 | (barcode or "bar<br>code" or bar-code)<br>near5 ((image near2<br>sens\$4) or camera<br>or (captur\$4 near2<br>imag\$4)) same<br>(recogniz\$4 or decod<br>\$4)                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2009/01/28<br>14:42 |

| L7  | 1011 | (recogniz\$4 or decod<br>\$4) with (barcode or<br>"bar code" or bar-<br>code) near5 ((image<br>near2 sens\$4) or<br>camera or (captur\$4<br>near2 imag\$4))   | š .                                      | OR | ON | 2009/01/28<br>14:45 |
|-----|------|---|--|----|----|---------------------|
| L8  | 254  | (recogniz\$4 or decod<br>\$4) with (barcode or<br>"bar code" or bar-<br>code) near5 ((image<br>near2 sens\$4) or<br>camera or (captur\$4<br>near2 imag\$4))<br>same (pixel or binar<br>\$7)                                     |  | OR | ON | 2009/01/28<br>14:46 |
| L9  | 1    | (recogniz\$4 or decod<br>\$4) with (barcode or<br>"bar code" or bar-<br>code) near5 ((image<br>near2 sens\$4) or<br>camera or (captur\$4<br>near2 imag\$4))<br>same (pixel or binar<br>\$7) same (frequenc<br>\$4 or histogram) |  | OR | ON | 2009/01/28<br>14:46 |
| L10 | 8    | (recogniz\$4 or decod<br>\$4) with (barcode or<br>"bar code" or bar-<br>code) near5 ((image<br>near2 sens\$4) or<br>camera or (captur\$4<br>near2 imag\$4))<br>same (pixel or binar<br>\$7) same (width\$4)                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/28<br>14:48 |
| L11 | 1273 | bright\$5 near3<br>histogram with (imag<br>\$4 or camera)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/28<br>15:45 |
| L12 | 22   | bright\$5 near3<br>histogram with (imag<br>\$4 or camera)<br>near10 edge  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/28<br>15:46 |
| S31 | 1    | "235"/\$.ccls. and<br>edge with histogram<br>same binariz\$6  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/02<br>15:58 |
| S32 | 452  | (edge or detect\$4)<br>same histogram<br>same binariz\$6  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/02<br>15:59 |

| S33 | 3    | (edge or detect\$4) same histogram same binariz\$6 same (barcode or "bar code" or bar- code)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>15:59 |
|-----|------|--|--|----|-----|---------------------|
| S34 | 2866 | (edge or detect\$4) same (histogram or binariz\$6) same (barcode or "bar code" or bar-code or photograph or picture)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:00 |
| S35 | 75   | muramatsu.in. and<br>(barcode or "bar<br>code" or bar-code)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:02 |
| S36 | 14   | muramatsu.in. and<br>(barcode or "bar<br>code" or bar-code)<br>and (histogram\$4 or<br>binariz\$5)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:02 |
| S37 | 68   | (edge or detect\$4) same histogram same binariz\$6 same (barcode or "bar code" or bar- code or photograph or picture)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:02 |
| S38 | 175  | (edge or detect\$4) same (histogram or brightness) near15 (creat\$4 or form\$4) with (binariz\$5 or barcode or "bar code" or bar-code)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:02 |
| S39 | 1111 | (edge or detect\$4) same (histogram or brightness) near15 (creat\$4 or form\$4) with (binariz\$5 or barcode or "bar code" or bar-code) and (barcode or "bar code" or bar-code) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:03 |
| S40 | 2    | ("6674919").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/02<br>16:03 |

| S41 | 1   | \$40 and histogram<br>\$4 and binar\$8   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:04 |
|-----|-----|--|--|----|-----|---------------------|
| S42 | 3   | (("5625721") or<br>("5703972")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/02<br>16:04 |
| S43 | 4   | (US-20060113390-\$<br>or US-20050258253-<br>\$ or US-<br>20070206246-\$).<br>did. or (US-6674919-<br>\$).did.  | US-PGPUB;<br>USPAT                                 | OR | ON  | 2009/01/02<br>16:04 |
| S44 | 1   | S43 and skew\$6  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:04 |
| S45 | 2   | S43 and angl\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:04 |
| S46 | 3   | S43 and camera   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:04 |
| S47 | 271 | (edge or detect\$4) same (graph\$5 or histogram or brightness) near15 (creat\$4 or form\$4) with (binariz\$5 or barcode or "bar code" or bar-code) and (barcode or "bar code" or bar- code)                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:05 |
| S48 | 191 | (edge or detect\$4) same (graph\$5 or histogram or brightness) near15 (creat\$4 or form\$4) with (binariz\$5 or barcode or "bar code" or bar-code) and (barcode or "bar code" or bar- code) not tsikos.in. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:05 |

| S49 | 90   | (edge or detect\$4) same (graph\$5 or histogram or brightness) near15 (creat\$4 or form\$4) with (binariz\$5 or barcode or "bar code" or bar-code) and (barcode or "bar-code) not tsikos.in. not zhu.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:05 |
|-----|------|---|--|----|-----|---------------------|
| S50 | 1860 | "358"/\$.ccls. and<br>(graph\$5 or<br>histogram\$4) same<br>(edge or border)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:06 |
| S51 | 75   | (edge or detect\$4) same (graph\$5 or histogram or brightness) near15 (creat\$4 or form\$4) with (binariz\$5 or barcode or "bar code" or bar-code) and (barcode or "bar code" or bar-code) not tsikos.in. not zhu.in. not wilz. in.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:06 |
| S52 | 63   | (edge or detect\$4) same (graph\$5 or histogram or brightness) near15 (creat\$4 or form\$4) with (binariz\$5 or barcode or "bar code" or bar-code) and (barcode or "bar code" or bar-code) not tsikos.in. not zhu.in. not wilz. in. not knowles.in. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:06 |
| S53 | 6    | (("5153418") or<br>("4323772") or<br>("5565669")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/02<br>16:10 |
| S54 | 2201 | "358"/\$.ccls. and (histogram\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/01/02<br>16:10 |

| S55 | 1893 |  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/02<br>16:10 |
|-----|------|--|--|----|----|---------------------|
|     | 44   | ((start with stop) or<br>edge or detect\$4)<br>same (histogram or<br>(graph\$6 near4<br>brightness)) near15<br>(creat\$4 or form\$4)<br>with (binariz\$5 or<br>barcode or "bar<br>code" or bar-code) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/02<br>16:27 |
| S57 | 0    | muramatsu.in. and histrogram   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/28<br>12:29 |
| S58 | 35   | muramatsu.in. and histogram  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/28<br>12:30 |
| S59 | 6    | muramatsu.in. and histogram.clm.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/28<br>12:30 |
| S60 | 1    | muramatsu.in. and histogram.clm. and binariz\$7.clm.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/01/28<br>12:31 |

## 1/28/09 4:01:14 PM

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